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Oct 19, 1993

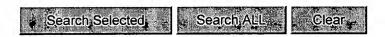
DERWENT-ACC-NO: 1993-365380

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TITLE: Thermoplastic resin compsn. with good impact resistance and improved heat-sealing property - contains cyclic olefin and alpha-olefin, useful for car components etc.

PRIORITY-DATA: 1992JP-0098653 (March 25, 1992)



PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 JP 05271484 A
 October 19, 1993
 012
 C08L023/02

 JP 3221721 B2
 October 22, 2001
 014
 C08L023/08

INT-CL (IPC): C08L 23/02; C08L 23/08; C08L 23/18; C08L 45/00; C08L 101/00

ABSTRACTED-PUB-NO: JP 05271484A

BASIC-ABSTRACT:

Compsn. consists of 2-98 wt.% of (a) cyclic <u>olefin</u> type copolymer with <u>glass</u> transition temp. (Tg) up to $\underline{30}$ deg.C obtd. by copolymerising cyclic <u>olefin</u> with alpha-olefin and 98-2 wt.% of (b) thermoplastic resin.

Typically, cyclic <u>olefin</u> contains repeat unit of formula (Y) where Rb, Rm is H, 1-20C hydrocarbon gp. or halogen, oxygen or nitrogen contg. substit.; n is above 0; Rj and Rk or Rl and Rm may form a ring. Example of cyclic <u>olefin is norbornene</u>, 5-methyl <u>norbornene</u>, 5-ethyl <u>norbornene</u>, 5-propyl <u>norbornene</u>, 5, 6-dimethyl <u>norbornene</u>, 1-methyl <u>norbornene</u>, 7-methyl <u>norbornene</u>, 5, 5, 6-trimethyl <u>norbornene</u>, 5-benzyl <u>norbornene</u>, etc..

USE/ADVANTAGE - The compsn. can be used for car parts, domestic appliances, films, etc. effectively due to good impact resistance and heat <u>sealing</u> property.

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